

FIG.1

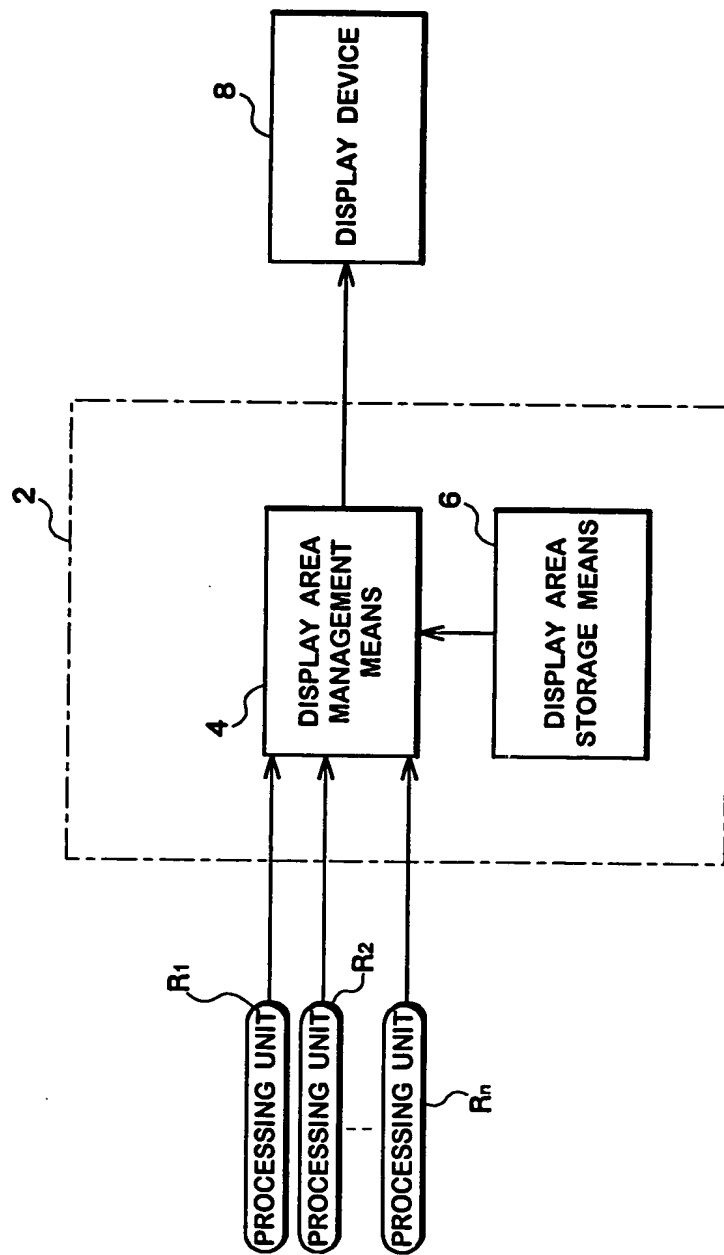


FIG.2

FIRST EMBODIMENT(GENERAL CONFIGURATION)

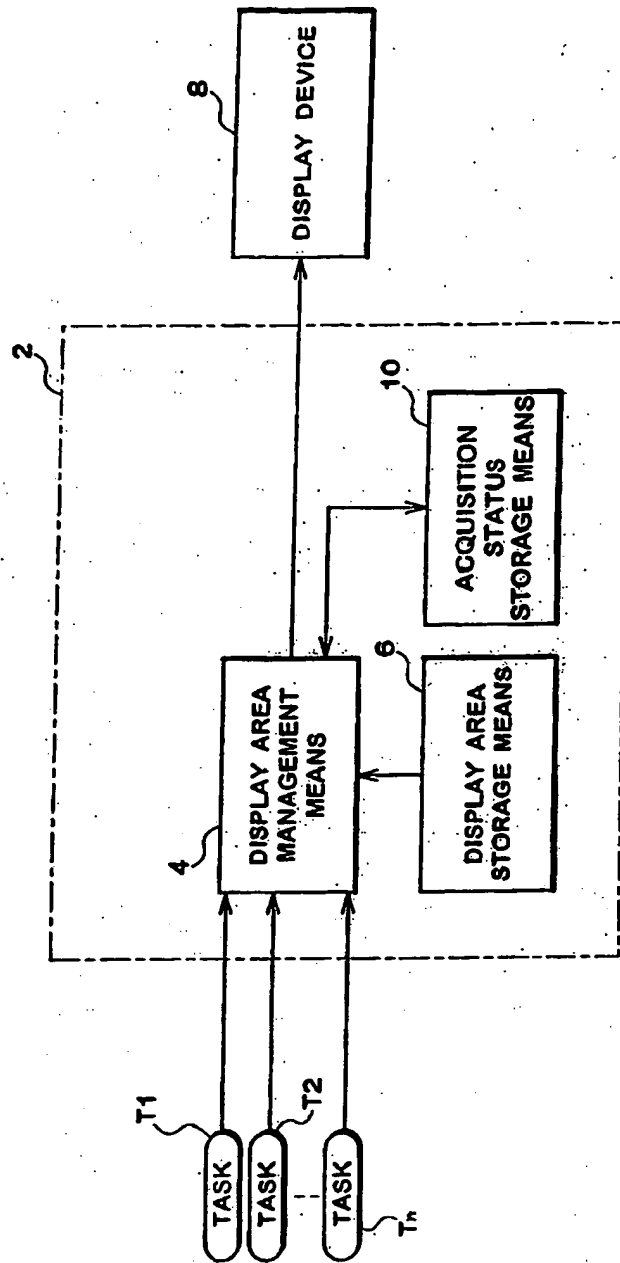


FIG.3

FIRST EMBODIMENT (HARDWARE CONFIGURATION)

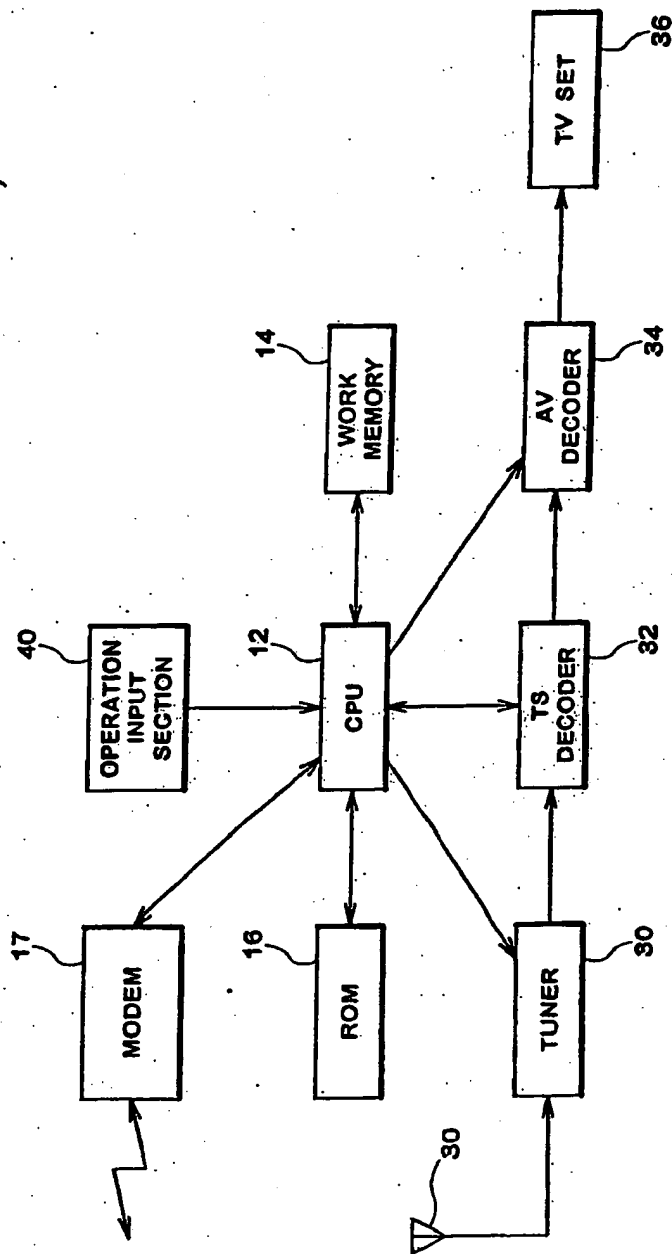
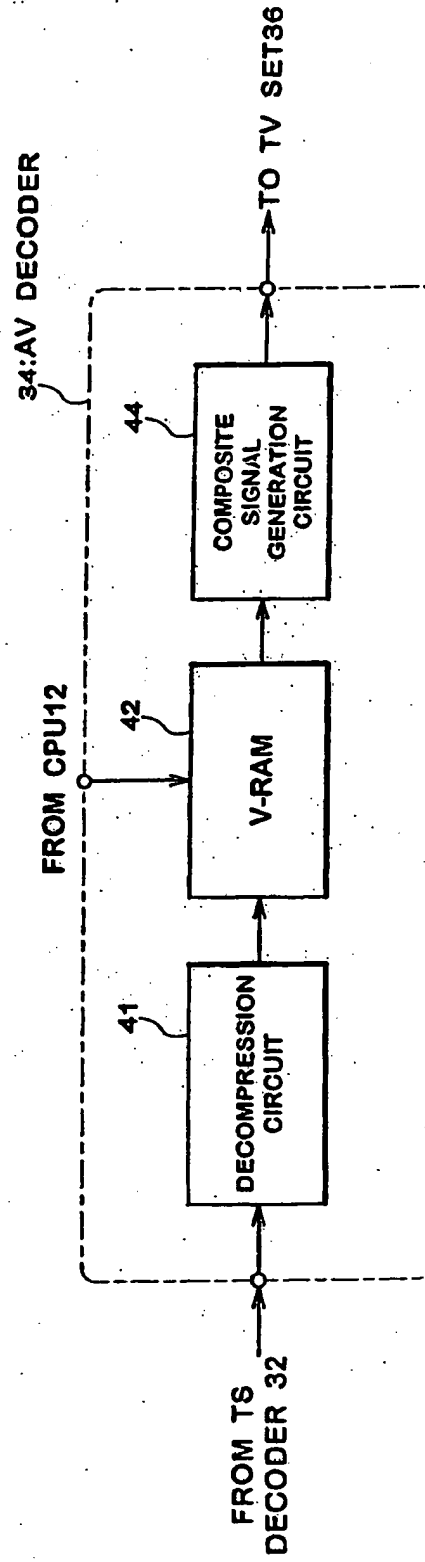
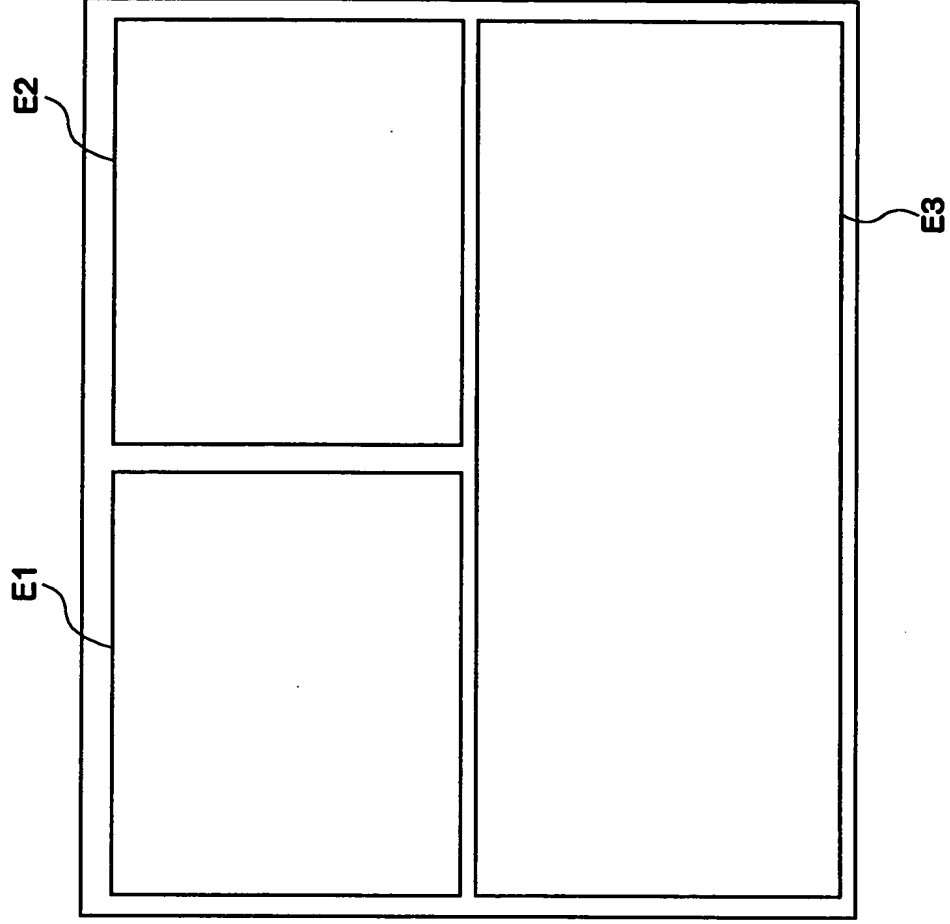


FIG. 4



**FIG.5**

**DISPLAY AREA DEFINITION EXAMPLE**



# REPLACEMENT SHEET

## FIG.6

### DISPLAY AREA DEFINITION TABLE

AREA	ORIGIN COORDINATE	WIDTH	HEIGHT	REMARKS
E1	(0, 0)	340	210	UPPER LEFT HALF SCREEN AREA
E2	(340, 0)	340	210	UPPER RIGHT HALF SCREEN AREA
E3	(0, 210)	680	210	LOWER HALF SCREEN AREA

# FIG.7

## ACQUISITION STATUS STORAGE TABLE

A

AREA	TASK
E 1	
E 2	
E 3	

B

AREA	TASK
E 1	
E 2	T 1
E 3	

# FIG.8

## FIRST EMBODIMENT (FLOW CHART OF ACQUISITION REQUEST PROCESSING)

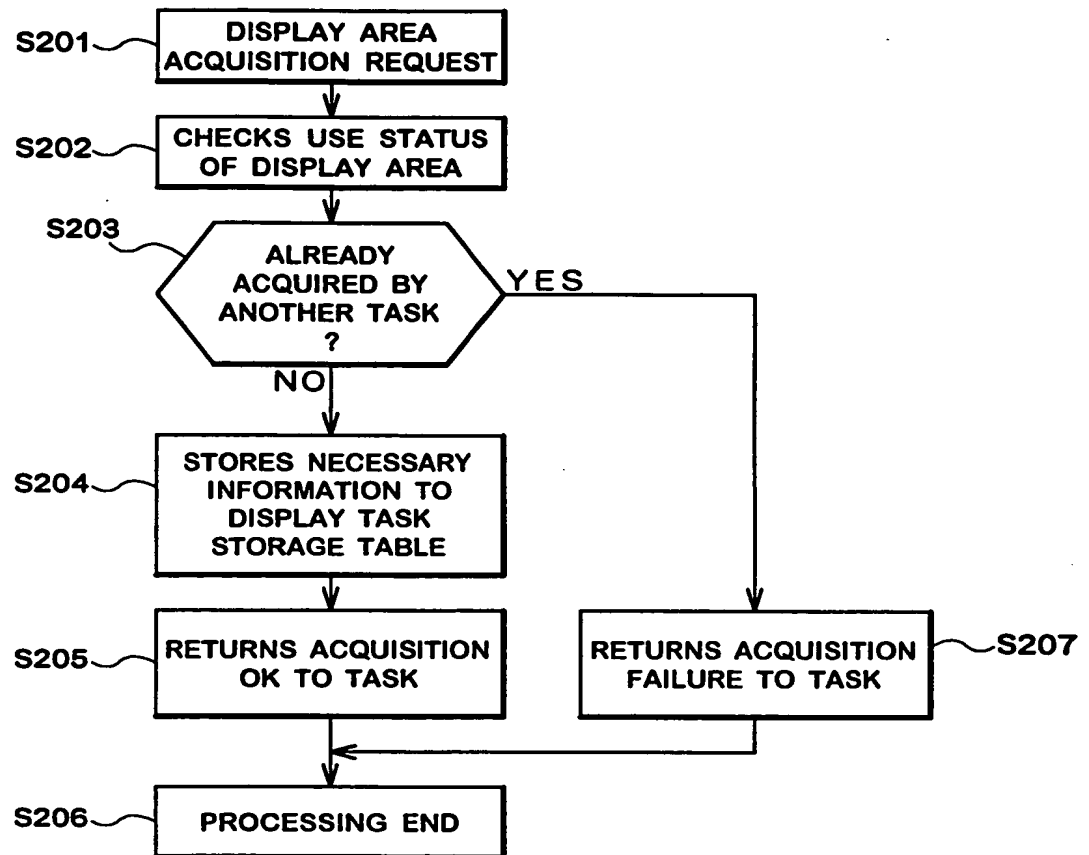




FIG.9

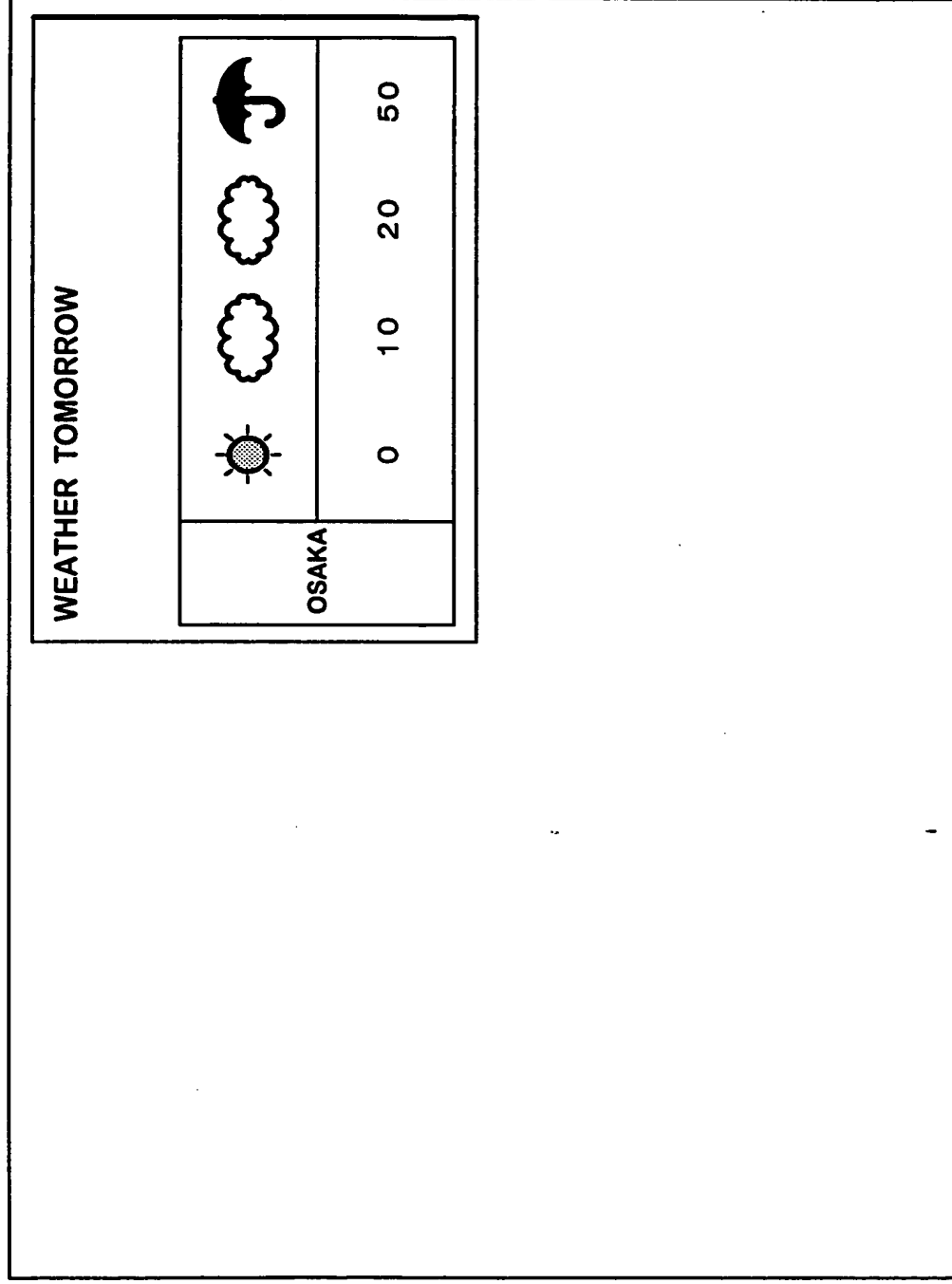


FIG.10

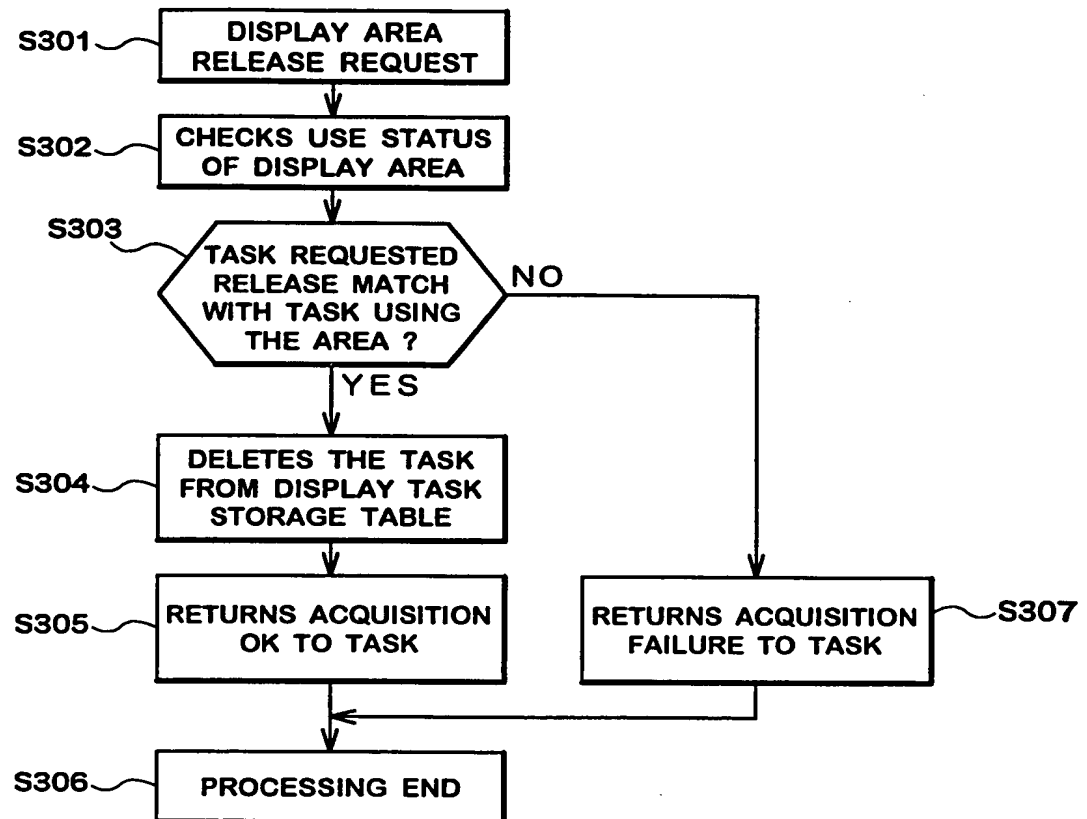
<b>RESERVE</b>		<b>WEATHER TOMORROW</b>	
<div style="border: 1px solid black; padding: 2px; display: inline-block;"> DISCOVERY JAPAN </div> <div style="margin-left: 20px;"> GUIDE#4 </div> <div style="margin-left: 20px;"> <div style="border: 1px solid black; border-radius: 50%; padding: 2px; display: inline-block;">TRIP</div> 622 </div>		<div style="border: 1px solid black; padding: 2px; display: inline-block;"> RESERVE RECORDING </div>	
<div style="border: 1px solid black; padding: 2px; display: inline-block;"> FOR RESERVE RECORDING... </div>		<div style="border: 1px solid black; padding: 2px; display: inline-block;"> RESERVE VIEWING </div>	
<div style="border: 1px solid black; padding: 2px; display: inline-block;"> BY ▲▼▲▲... </div>		<div style="border: 1px solid black; padding: 2px; display: inline-block;"> RETURN </div>	

<b>PROGRAM SCHEDULE</b>			
<div style="border: 1px solid black; padding: 2px; display: inline-block;"> BOOK TV NEWS #74 </div> <div style="margin-left: 10px;"> 4/26 (MON) </div> <div style="margin-left: 10px;"> 15:00~16:00 </div> <div style="float: right;"> <div style="border: 1px solid black; padding: 2px; display: inline-block;">BOOK</div> 627 </div>			
4/26 (MON)	<div style="border: 1px solid black; padding: 2px; display: inline-block;">LET'S TRY</div>	626	<div style="border: 1px solid black; padding: 2px; display: inline-block;">BOOK</div>
15	00 ANIMAL GET TOGETHER	627	00 BOOK TV NEWS #74
	30 INFORMATION PROGRAM		
16	00 FISHING BATTLE	628	00 MOM & KIDS TIME
	00 TRY KIDS...		
00 FRIEND TIME		30 MAGAZINE...	

# FIG.11

## FIRST EMBODIMENT (FLOW CHART OF RELEASE REQUEST PROCESSING)



**FIG.12**

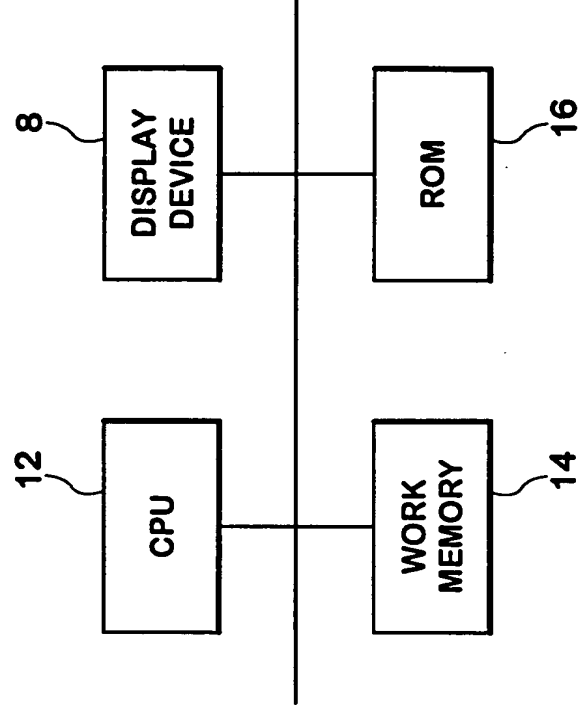
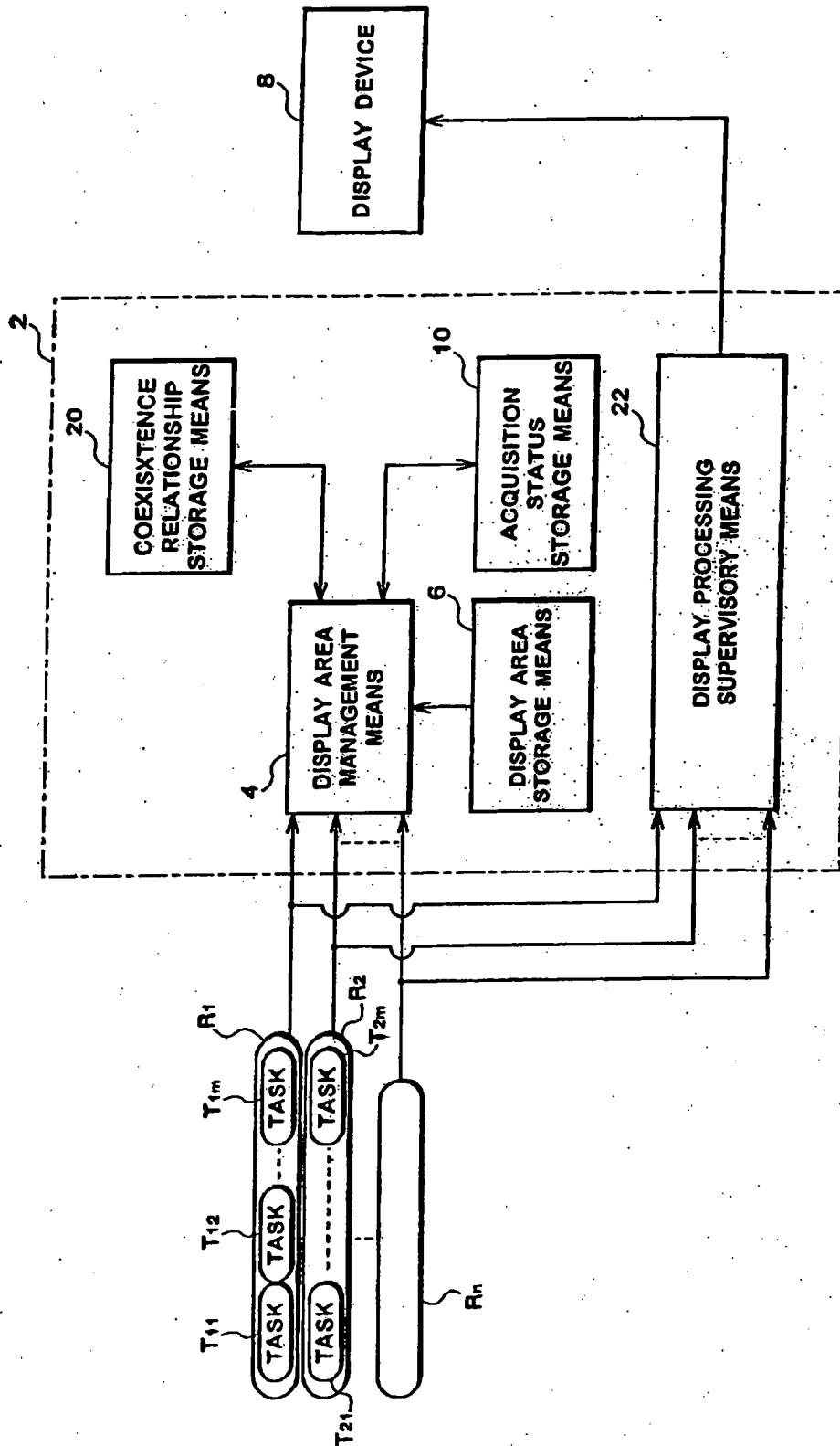


FIG.13 SECOND EMBODIMENT(GENERAL CONFIGURATION)



# FIG.15

## DISPLAY AREA DEFINITION TABLE

AREA	ORIGIN COORDINATE	WIDTH	HIGHT	REMARKS
E 1	(0, 0)	680	420	ENTIRE SCREEN AREA
E 2	(0, 0)	340	420	LEFT HALF SCREEN AREA
E 3	(340, 0)	340	420	RIGHT HALF SCREEN AREA
E 4	(0, 0)	680	210	UPPER HALF SCREEN AREA
E 5	(0, 210)	680	210	LOWER HALF SCREEN AREA

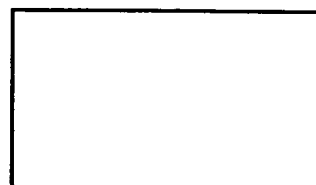
# FIG.16

## ACQUISITION STATUS STORAGE TABLE

## DISPLAY SCREEN

A

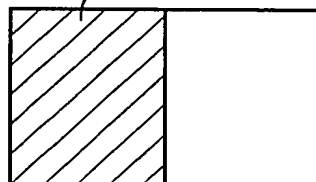
AREA	PROCESSING UNIT	KEY NUMBER
E 1		
E 2		
E 3		
E 4		
E 5		



B

AREA	PROCESSING UNIT	KEY NUMBER
E 1		
E 2	R 1	2105151305
E 3		
E 4		
E 5		

DISPLAY BY  
PROCESSING  
UNIT R1

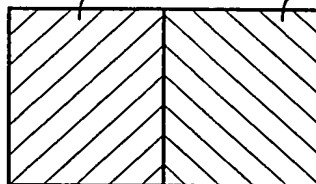


C

AREA	PROCESSING UNIT	KEY NUMBER
E 1		
E 2	R 1	2105151305
E 3	R 2	3205151307
E 4		
E 5		

DISPLAY BY  
PROCESSING  
UNIT R1

DISPLAY BY  
PROCESSING  
UNIT R2

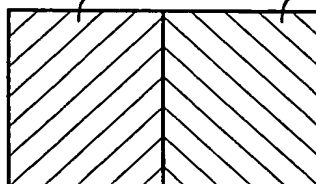


D

AREA	PROCESSING UNIT	KEY NUMBER
E 1		
E 2	R 4	2105151309
E 3	R 2	3205151307
E 4		
E 5		

DISPLAY BY  
PROCESSING  
UNIT R4

DISPLAY BY  
PROCESSING  
UNIT R2



# FIG.17

COEXISTENCE RELATIONSHIP TABLE

AREA	AREAS WHICH CANNOT COEXIST
E 1	E 2, E 3, E 4, E 5
E 2	E 1, E 4, E 5
E 3	E 1, E 4, E 5
E 4	E 1, E 2, E 3
E 5	E 1, E 2, E 3



# FIG.18

## SECOND EMBODIMENT (FLOW CHART OF ACQUISITION REQUEST PROCESSING)

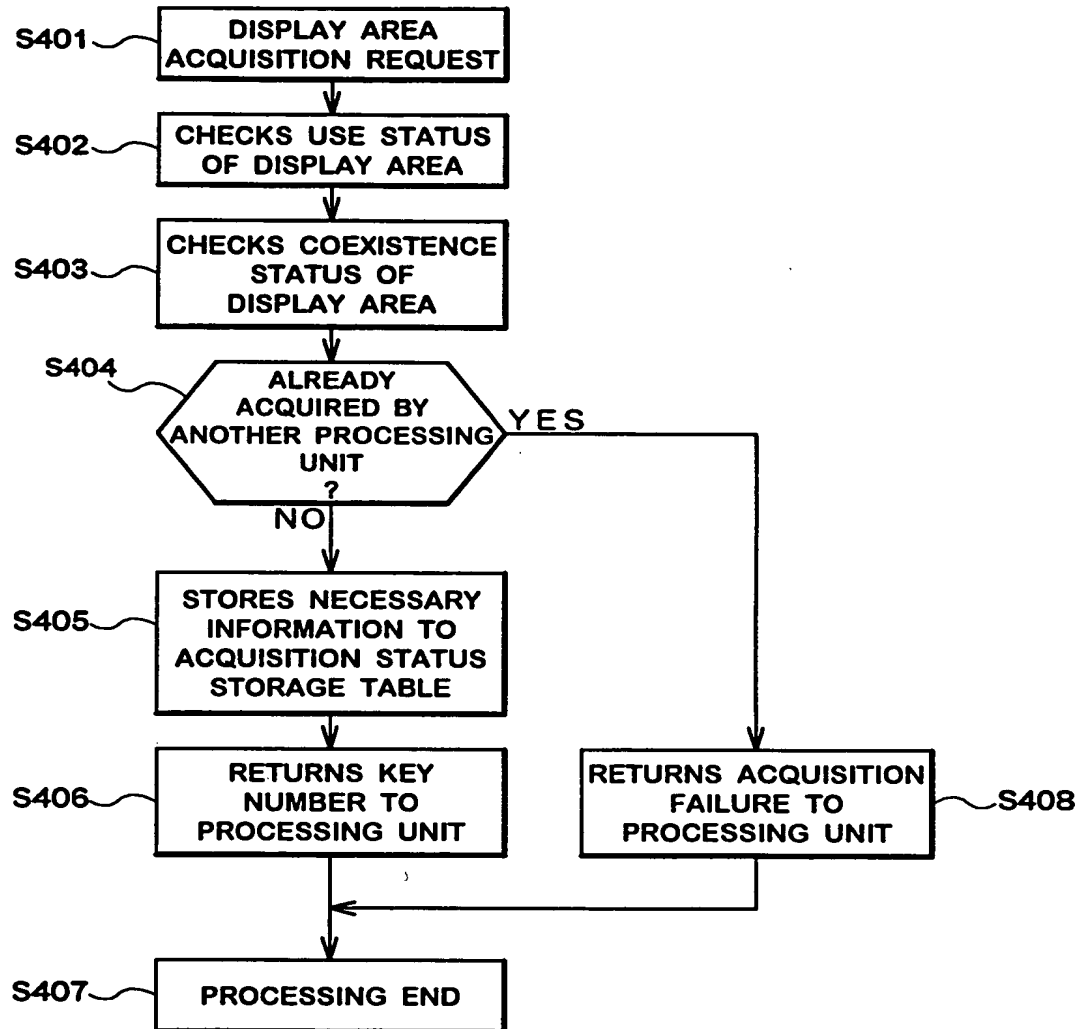


FIG.19

PROGRAM SCHEDULE			
BOOOK TV 4/26 (MON) <span>BOOK</span> 627 NEWS #74 15:00~16:00 <span>BOOK</span> 627			
4/26 (MON)	<span>BOOK</span> 627	<span>C</span> 628	
15	00 BOOK TV NEWS #74	00 MOM & KIDS TIME	
16	00 TRY KIDS...	00 FRIEND TIME	
	30 MAGAZINE...		
17	00 FEEL LIKE READING	00 MANIAC TIME	

**FIG.20**

**SECOND EMBODIMENT  
(FLOW CHART OF SUPERVISORY PROCESSING)**

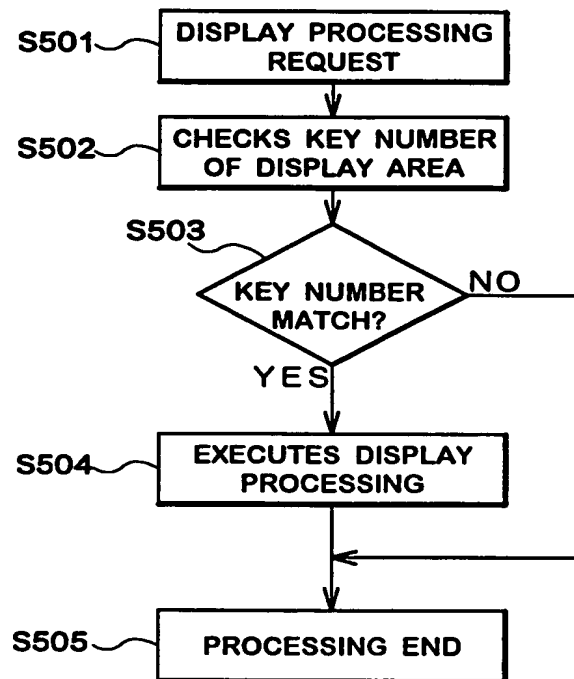








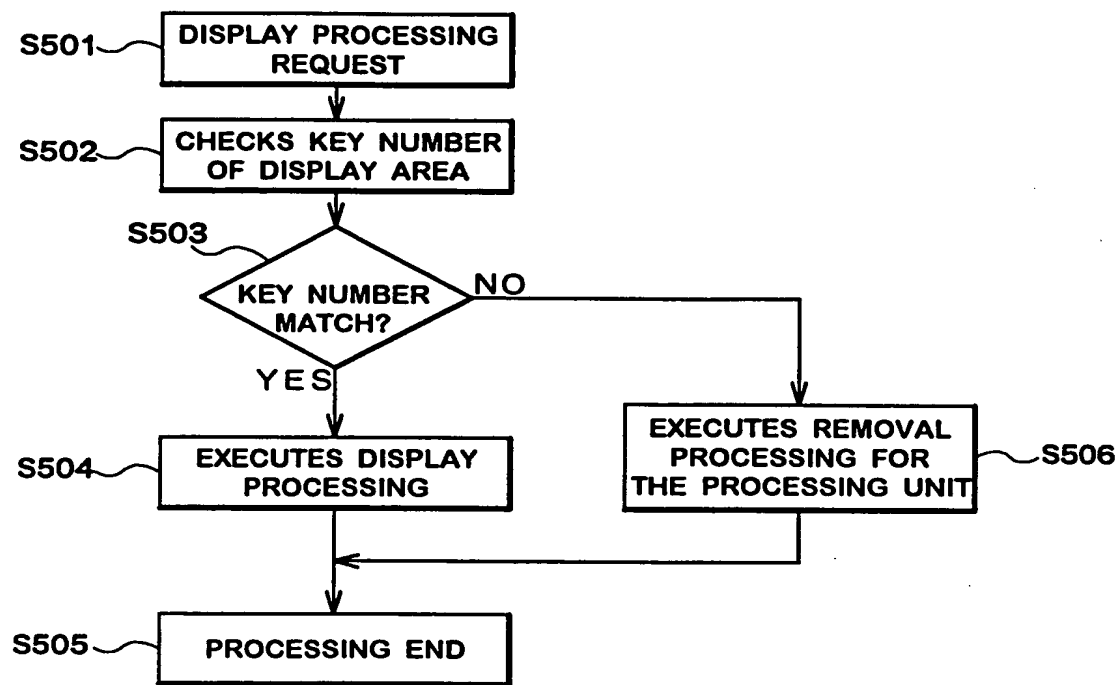


FIG.21

PROGRAM SCHEDULE				WEATHER FORECAST			
BOOOK TV 4/26 (MON) NEWS #74 15:00~16:00 <span>BOOK</span> 627				TODAY			
4/26 (MON)	<span>BOOK</span> 627	<span>C</span> 628		OSAKA			
15	00 BOOK TV NEWS #74	00 MOM & KIDS TIME					
16	00 TRY KIDS... 30 MAGAZINE...	00 FRIEND TIME		0	10	20	30
17	00 FEEL LIKE READING	00 MANIAC TIME		TOMORROW			
				OSAKA			
							
				50	60	20	20

# FIG.22

## SECOND EMBODIMENT (FLOW CHART OF SUPERVISORY PROCESSING)



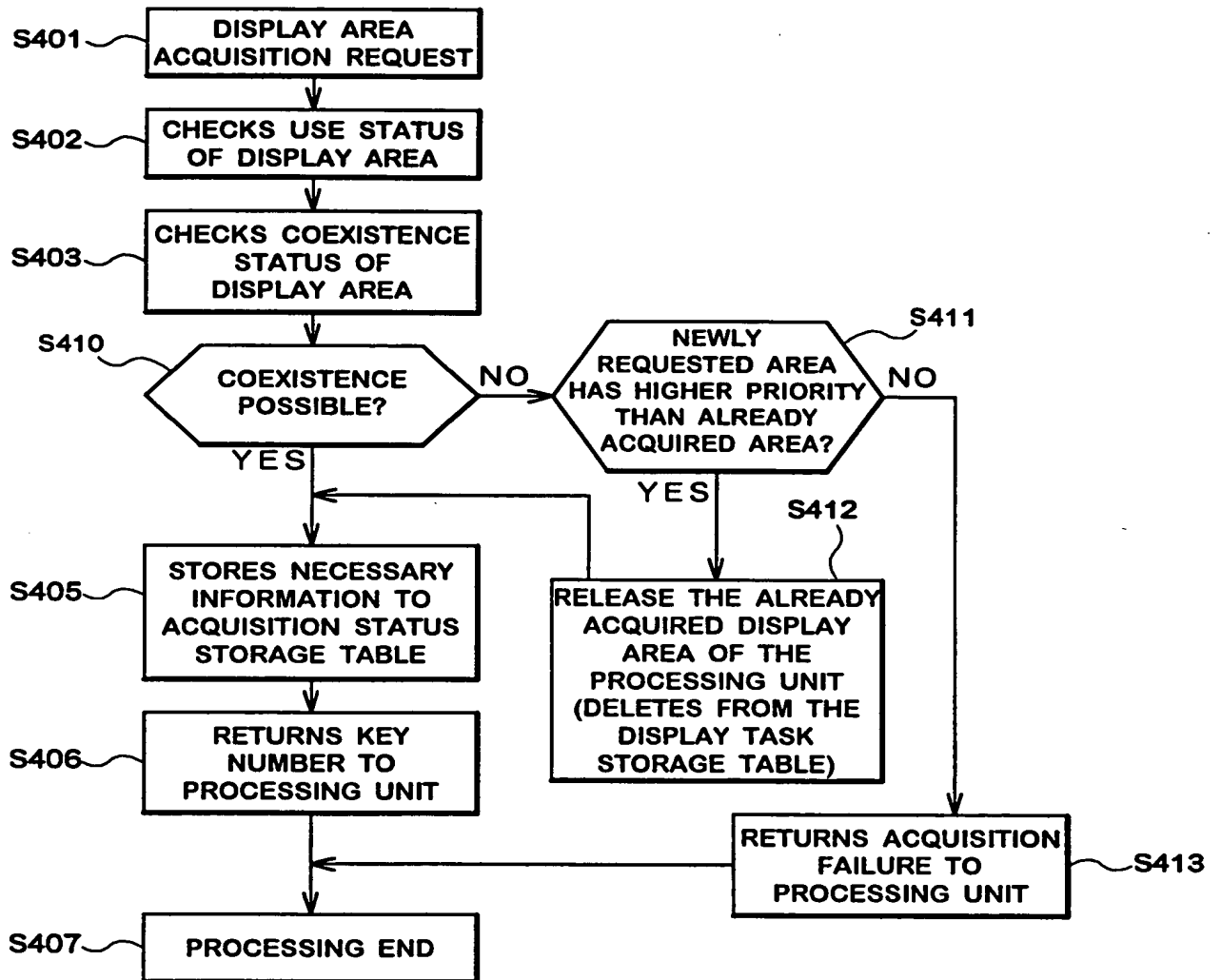
**FIG.23**

**DISPLAY PRIORITY TABLE**

AREA	PRIORITY
E 1	1
E 2	2
E 3	2
E 4	3
E 5	3

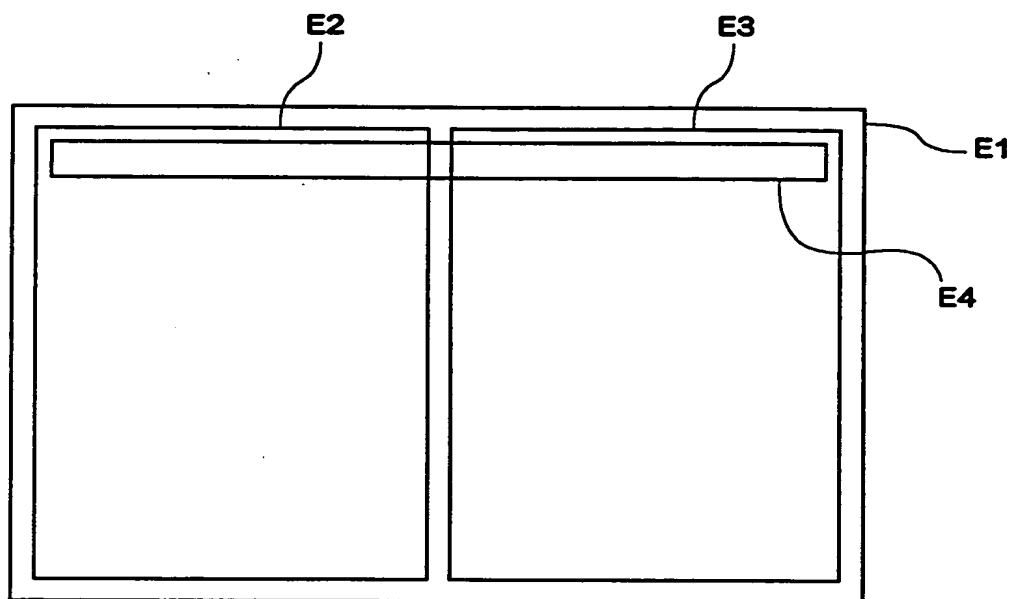
# FIG.24

## THIRD EMBODIMENT (FLOW CHART OF ACQUISITION REQUEST PROCESSING)



# FIG.25

## DEFINITIONS OF DISPLAY AREAS ON SCREEN



# FIG.26

## COEXISTENCE RELATIONSHIP TABLE

AREA	AREA WHICH CANNOT COEXIST
E 1	E 2, E 3
E 2	E 1
E 3	E 1
E 4	



**FIG.27**

**DISPLAY AREA PRIORITY TABLE**

AREA	PRIORITY
E 1	2
E 2	3
E 3	3
E 4	1

# FIG.28

## FLOW CHART OF DISPLAY PROCESSING

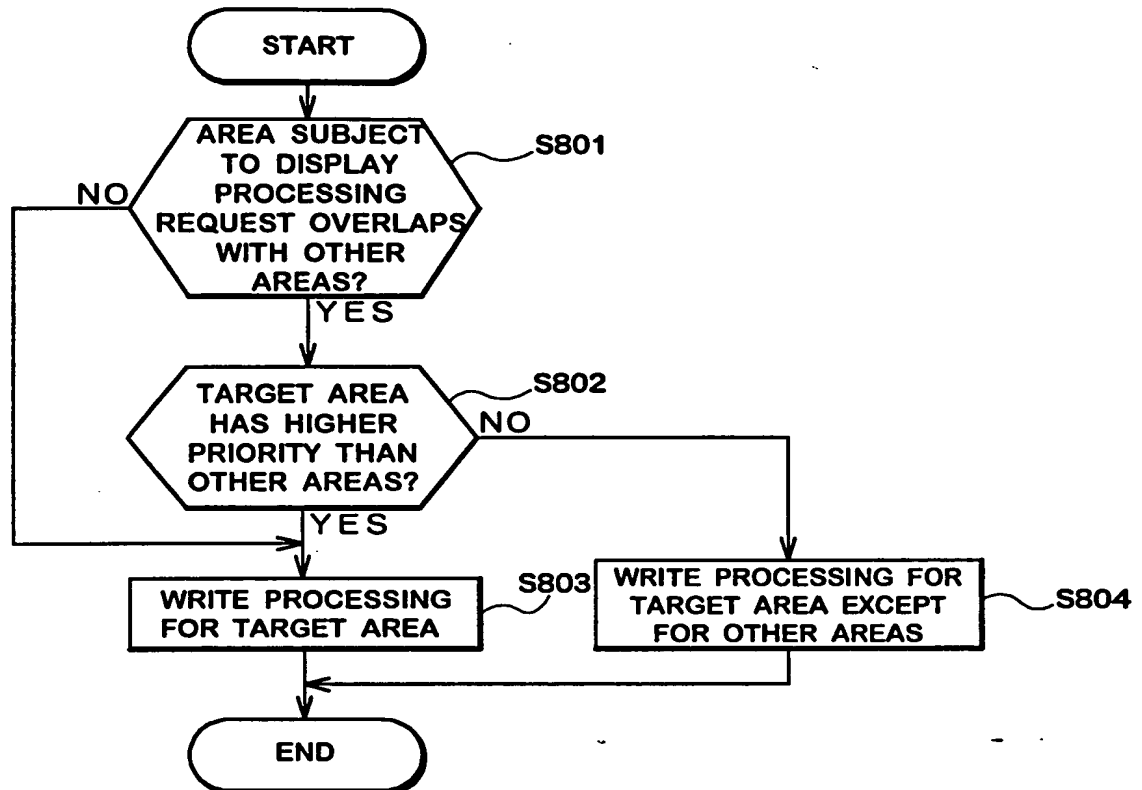
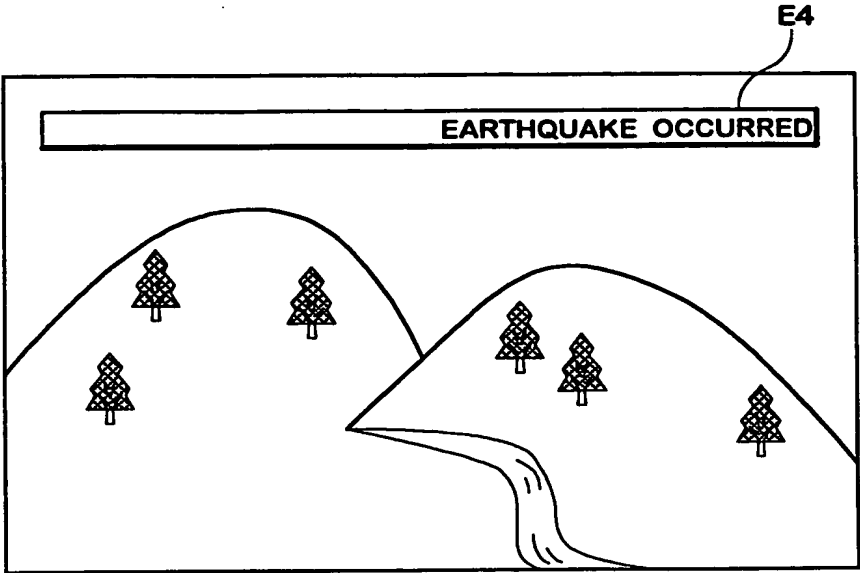


FIG.29



# FIG.30

PROCESSING UNIT PRIORITY TABLE

AREA	PRIORITY
T 1	2
T 2	1
T 3	4
T 4	3

# FIG.31

## FOURTH EMBODIMENT (FLOW CHART OF ACQUISITION REQUEST PROCESSING)

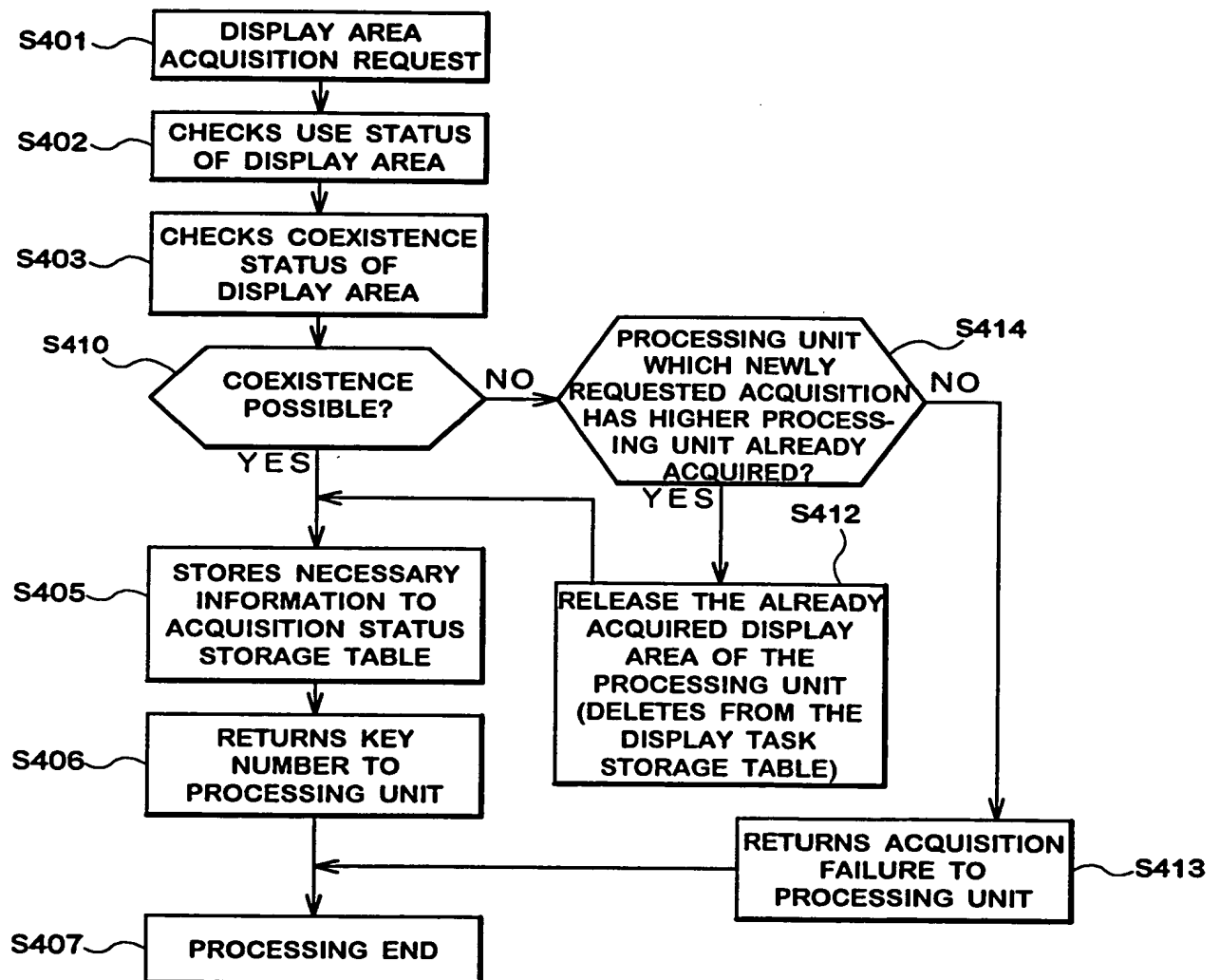
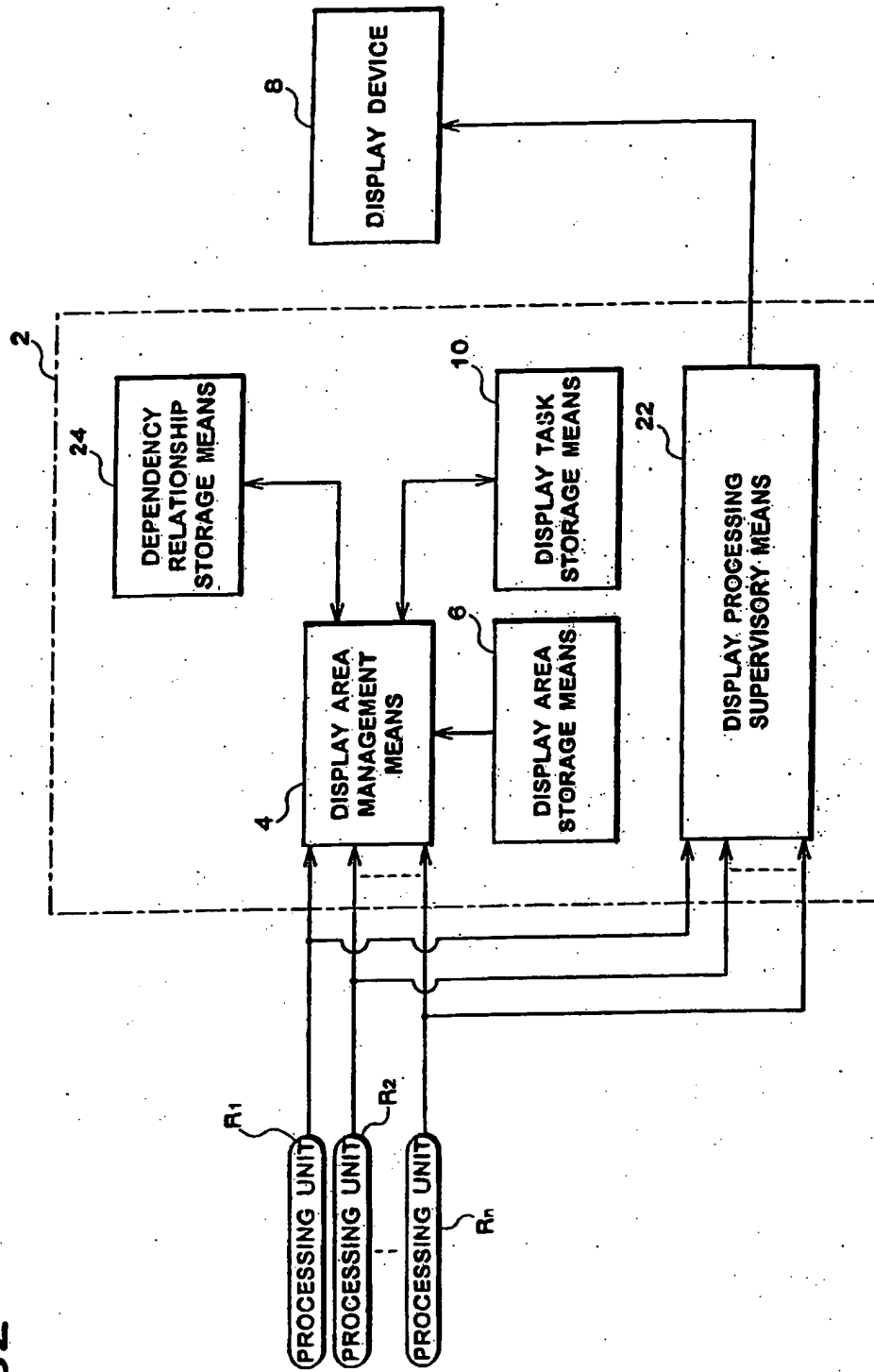


FIG.32 FIFTH EMBODIMENT(GENERAL CONFIGURATION)



# REPLACEMENT SHEET

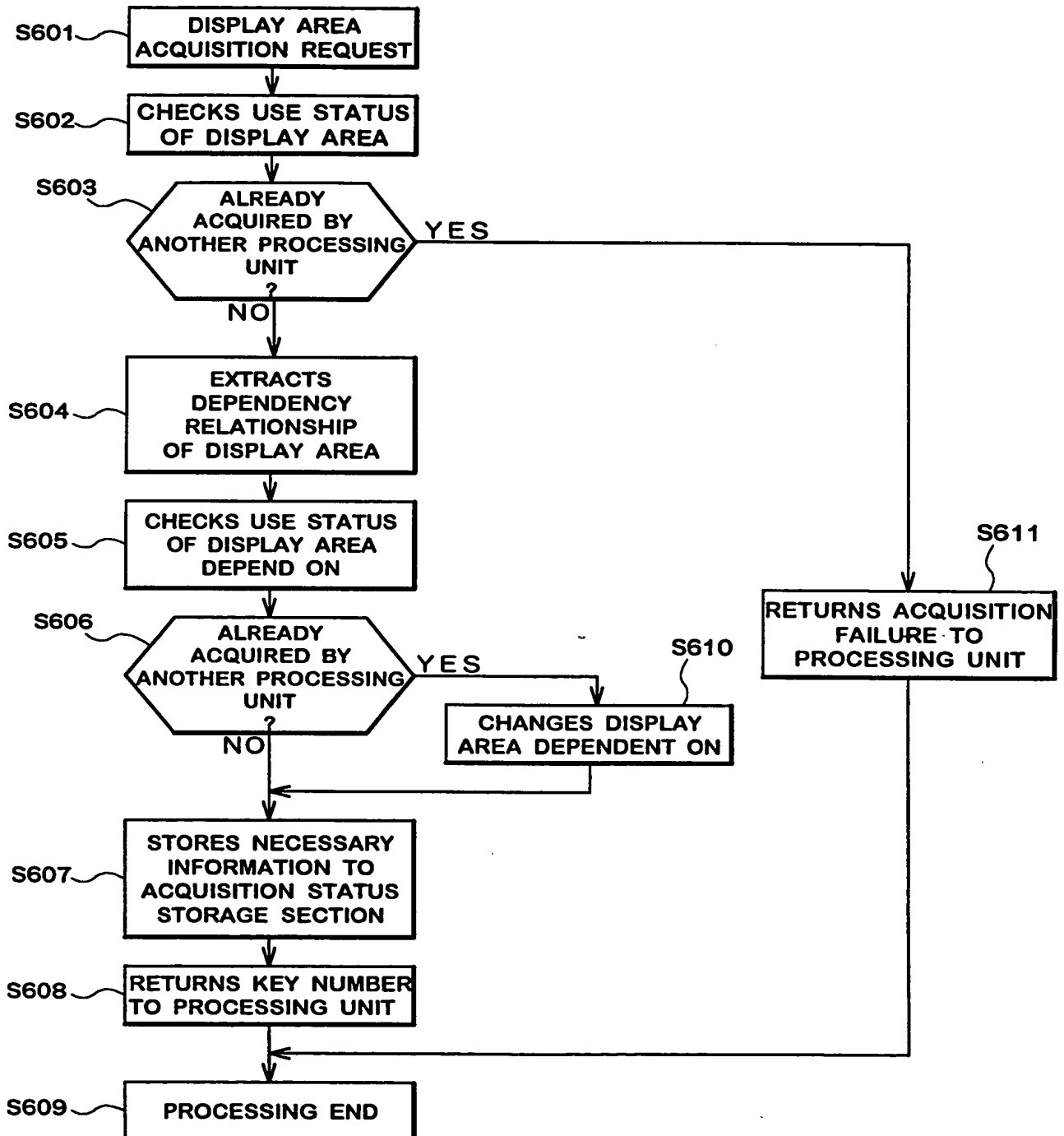
**FIG.33**

**DEPENDENCY RELATIONSHIP TABLE**

AREA	AREA TO DEPEND ON	AREA TO BE CHANGED
E2	E1	E3
E2	E4	E3
E2	E5	E3
E5	E1	E4

# FIG.34

## FIFTH EMBODIMENT (FLOW CHART OF ACQUISITION REQUEST PROCESSING)





**FIG.35**

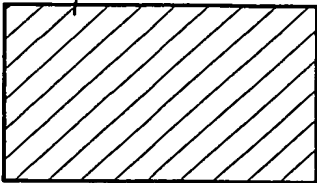
**ACQUISITION STATUS STORAGE TABLE**

**DISPLAY SCREEN**

**A**

AREA	PROCESSING UNIT	KEY NUMBER
E 1	T 1	1 1 0 5 1 5 1 3 1 2
E 2		
E 3		
E 4		
E 5		

DISPLAY BY  
PROCESSING  
UNIT R1



**B**

AREA	PROCESSING UNIT	KEY NUMBER
E 1		
E 2	T 2	2 2 0 5 1 5 1 3 2 1
E 3	T 1	3 1 0 5 1 5 1 3 2 2
E 4		
E 5		

DISPLAY BY  
PROCESSING  
UNIT R2

DISPLAY BY  
PROCESSING  
UNIT R1

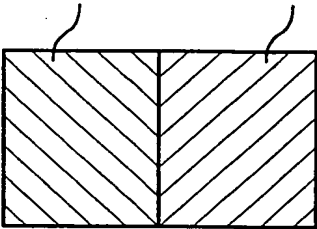
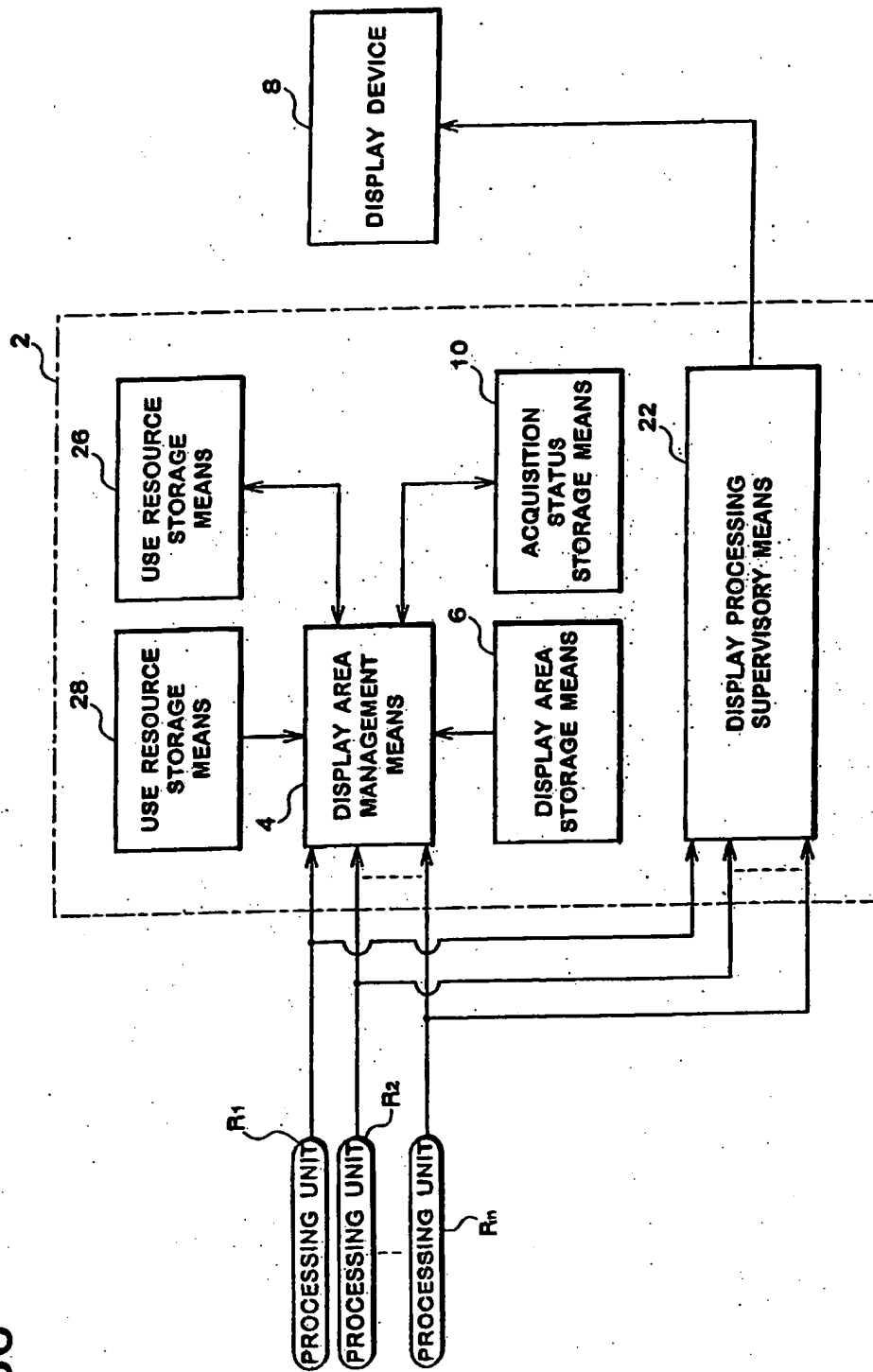


FIG.36

SIXTH EMBODIMENT(GENERAL CONFIGURATION)



**FIG.37**

**AVAILABLE RESOURCE TABLE**

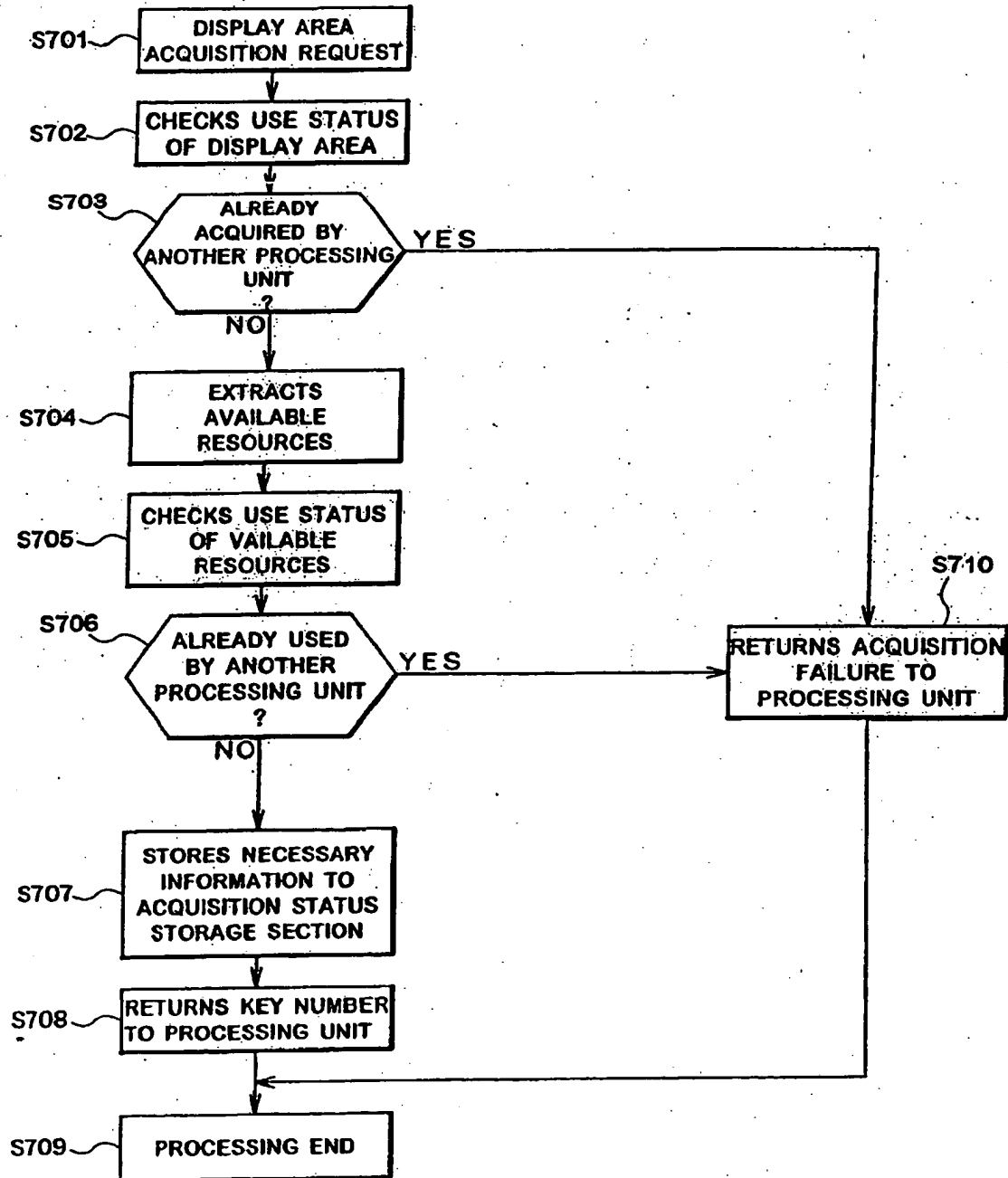
PROCESSING UNIT	AVAILABLE RESOURCE
R 1	MODEM
R 2	MODEM,SPEAKER
R 3	NONE

**FIG.38**

**USE RESOURCE TABLE**

RESOURCE	PROCESSING UNIT USING RESOURCE
MODEM	R 1
SPEAKER	
VIDEO	

FIG.39

SIXTH EMBODIMENT  
(FLOW CHART OF ACQUISITION REQUEST PROCESSING)

**FIG.40**

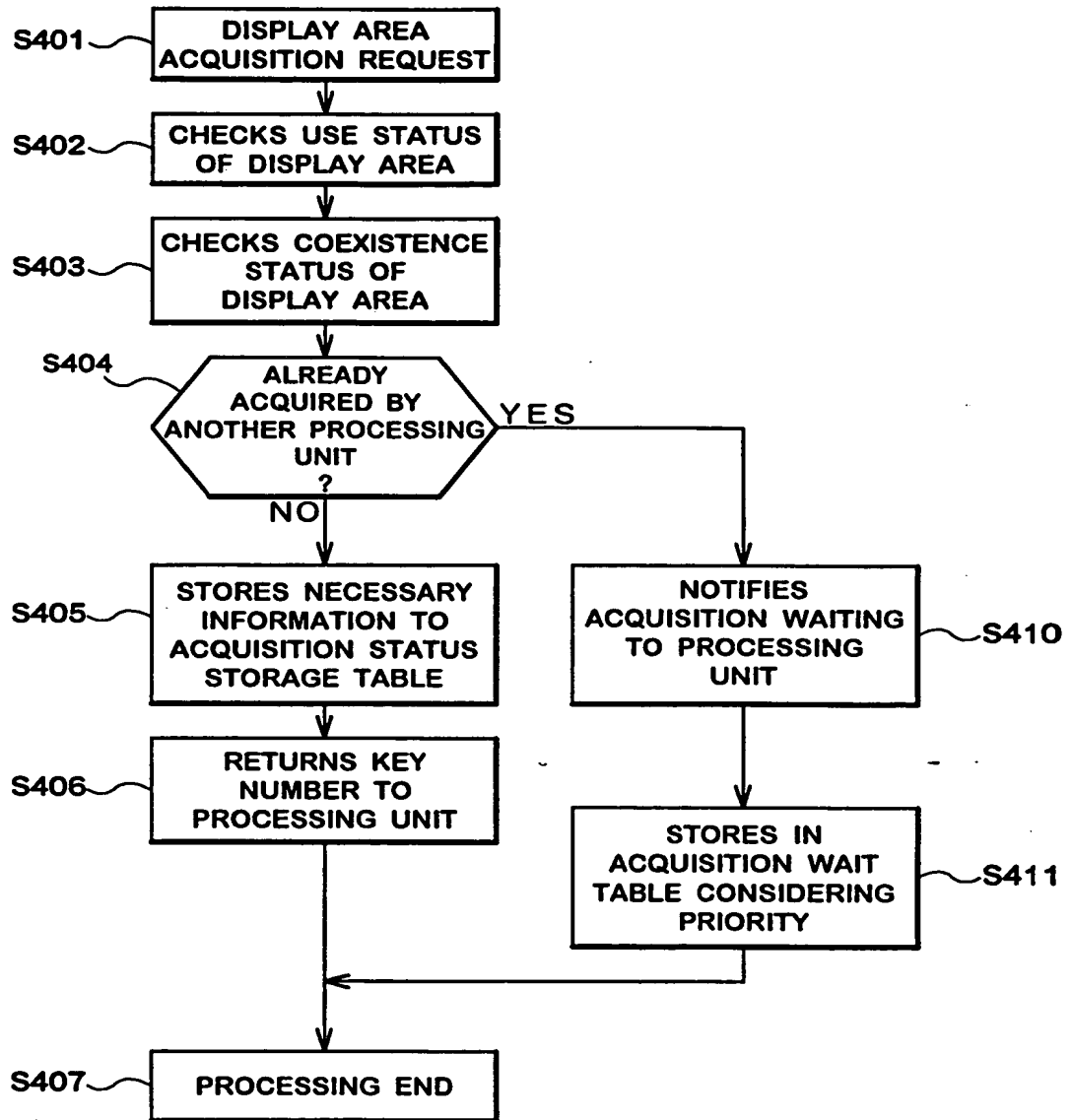
I AM APPLYING TO THE JAPAN  
TELEPHONE SHOPPING CENTER  
FOR THE PURCHASE OF  
PRODUCT OOOOO

APPLY

CANCEL

# FIG.41

## SEVENTH EMBODIMENT (FLOW CHART OF ACQUISITION REQUEST PROCESSING)



# FIG.42

## SEVENTH EMBODIMENT (FLOW CHART OF RELEASE REQUEST PROCESSING)

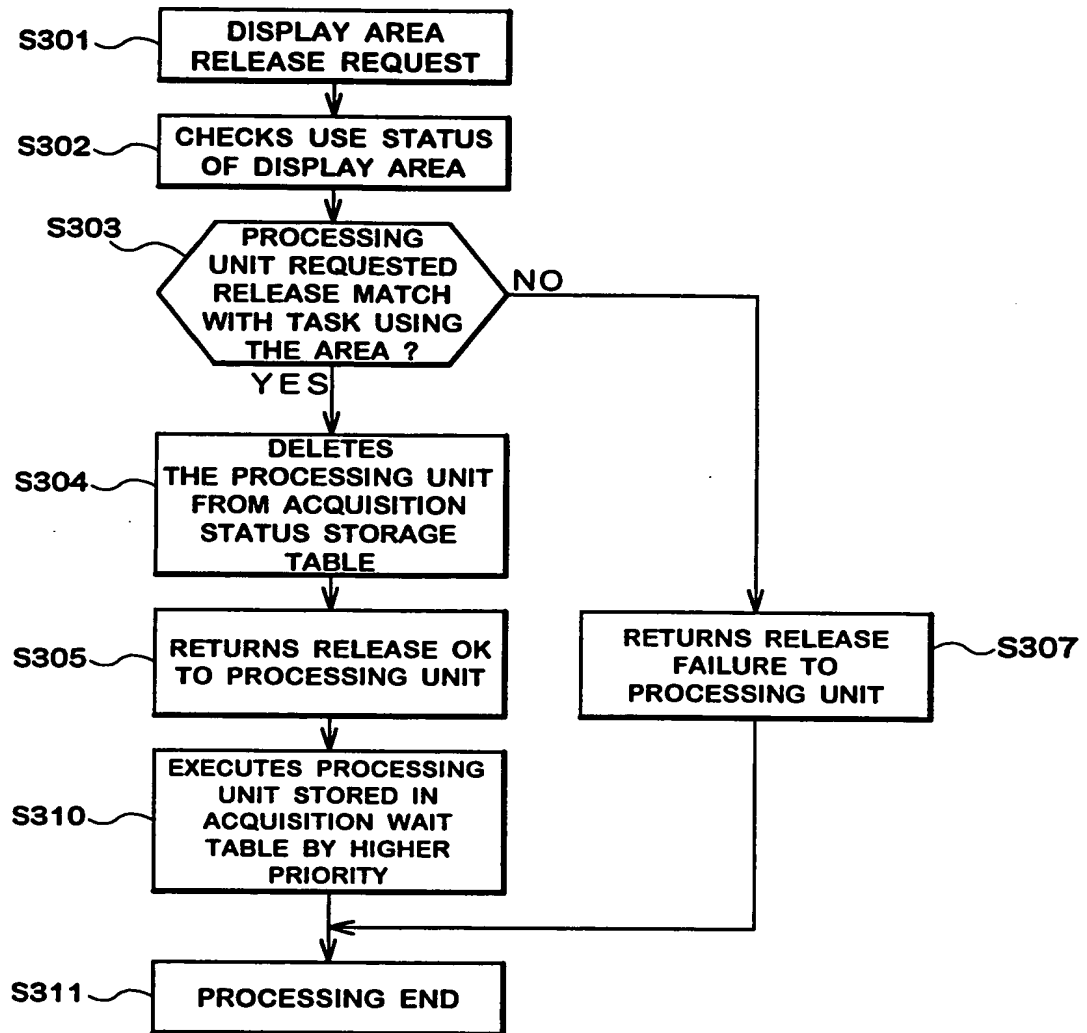


FIG.43

ACQUISITION WAIT TABLE

A

PROCESSING UNIT	REQUESTED AREA

B

PROCESSING UNIT	REQUESTED AREA
R 4	E 2



# FIG.44

## SEVENTH EMBODIMENT (FLOW CHART OF PROCESSING OF ACQUISITION REQUESTS IN WAITING STATUS)

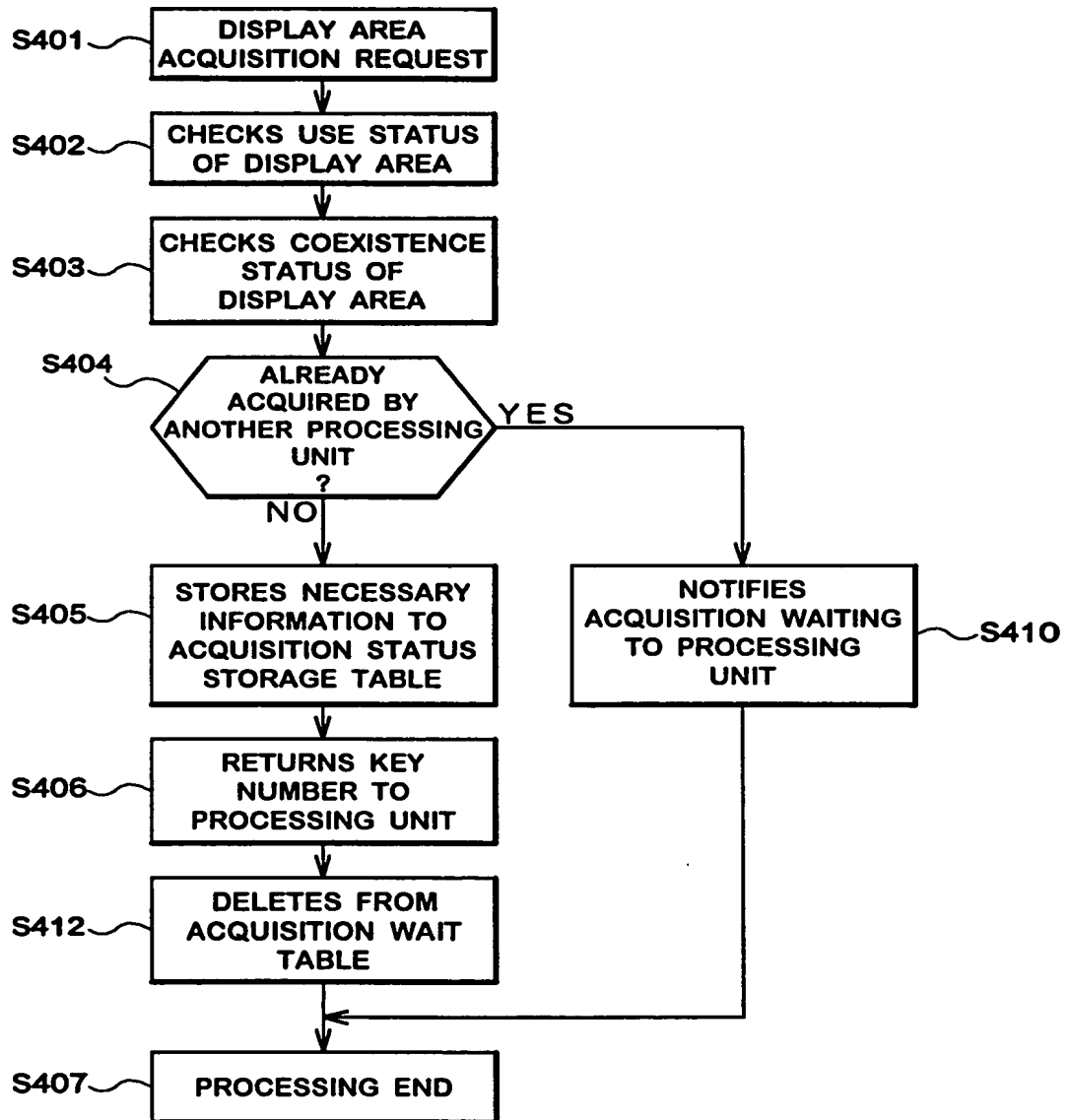
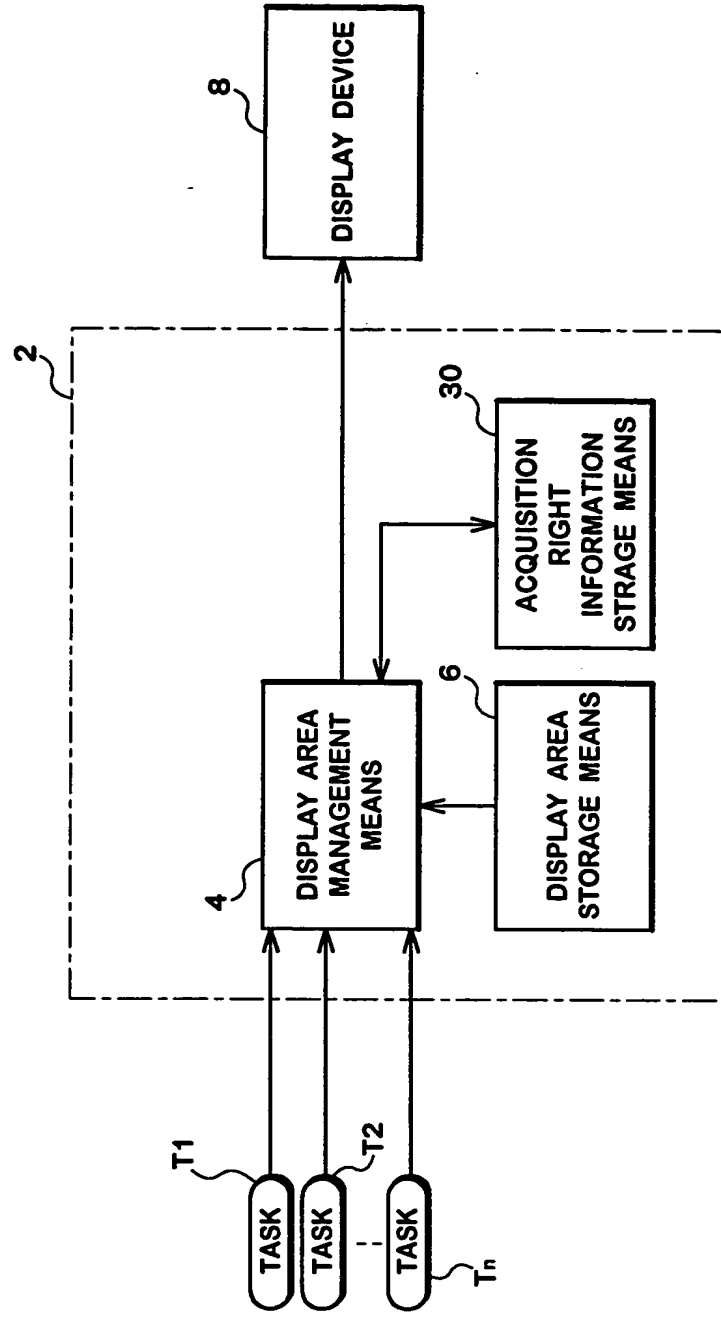


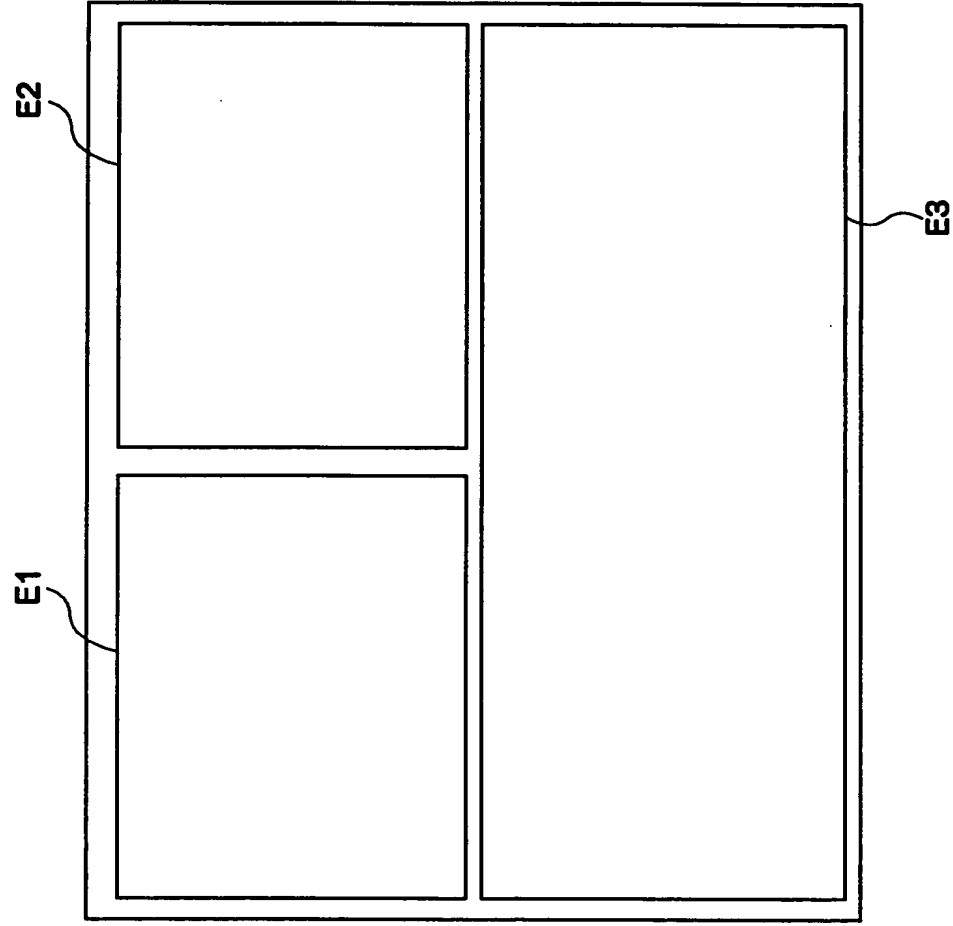
FIG.45

EIGHTH EMBODIMENT(GENERAL CONFIGURATION)



**FIG.46**

**DISPLAY AREA DEFINITION EXAMPLE**



# REPLACEMENT SHEET

## FIG.47

### DISPLAY AREA DEFINITION TABLE

AREA	ORIGIN COORDINATE	WIDTH	HEIGHT	REMARKS
E1	(0, 0)	340	210	UPPER LEFT HALF SCREEN AREA
E2	(340, 0)	340	210	UPPER RIGHT HALF SCREEN AREA
E3	(0, 210)	680	210	LOWER HALF SCREEN AREA

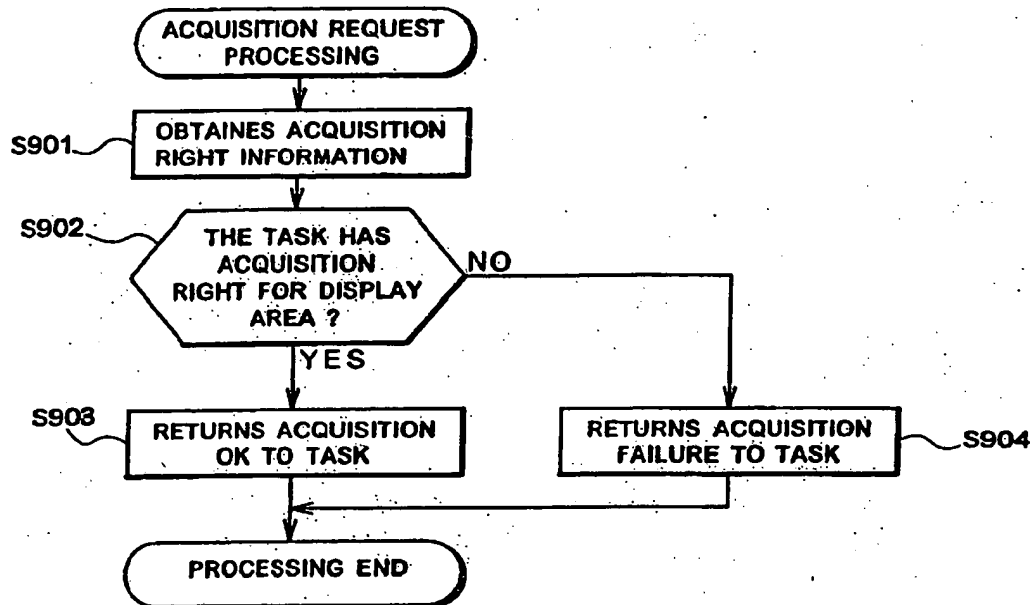
## FIG.48

### ACQUISITION RIGHT INFORMATION TABLE

AREA	TASK
E1	T1
E2	T2
E3	T3

FIG.49

EIGHTH EMBODIMENT  
(FLOW CHART OF ACQUISITION REQUEST PROCESSING)



## FIG.50

ACQUISITION RIGHT INFORMATION TABLE

AREA	TASK
E 1	T 1. T 2. T 5
E 2	T 2
E 3	T 4. T 3

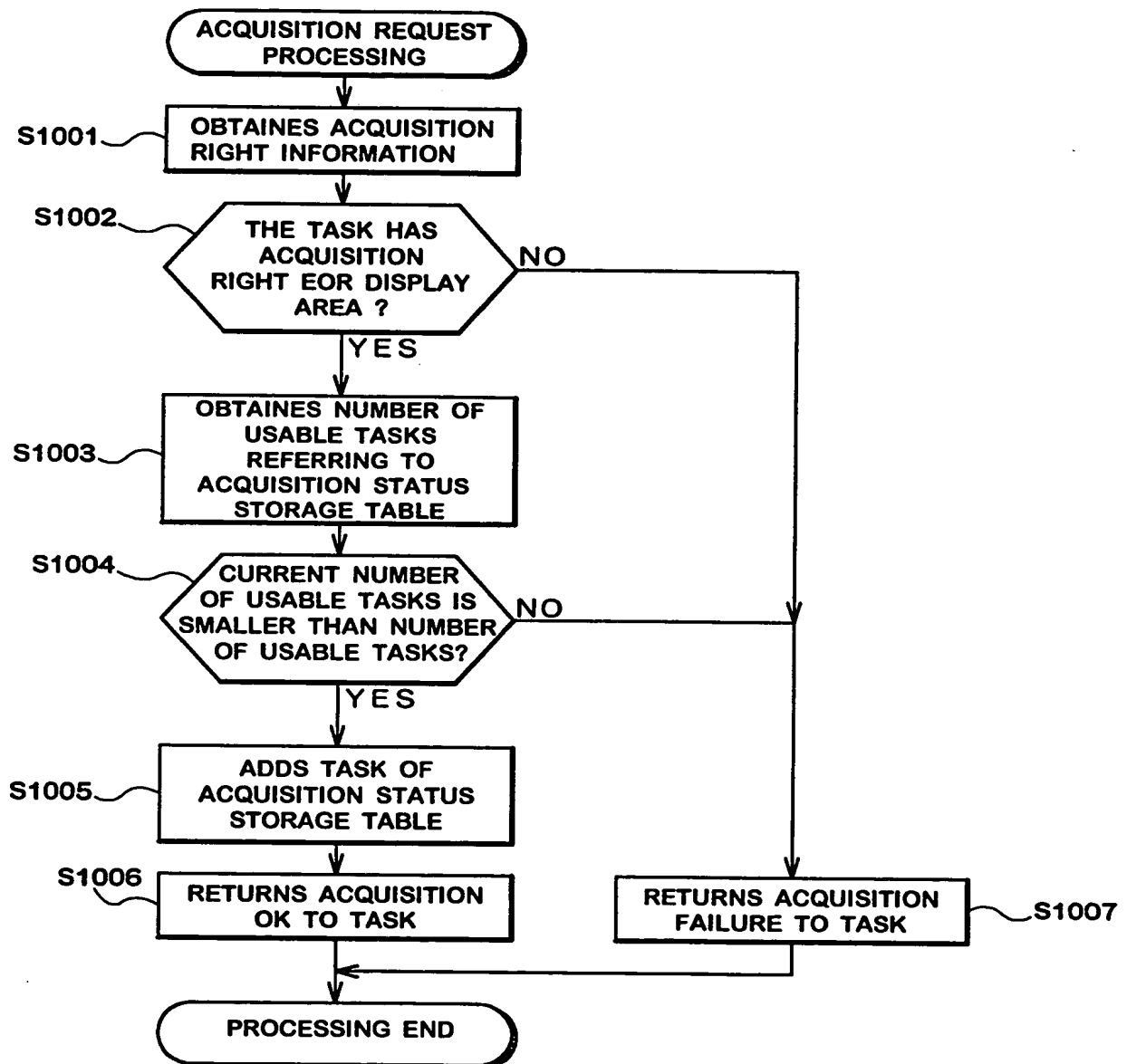
## FIG.51

ACQUISITION RIGHT INFORMATION TABLE

AREA	TASK	USABLE TASKS
E 1	T 1. T 2. T 5	2
E 2	T 2	1
E 3	T 3. T 4	2

**FIG.52**

**ACQUISITION REQUEST PROCESSING**



**FIG.53**

**ACQUISITION STATUS STORAGE TABLE**

AREA	TASK
E 1	T 1, T 2
E 2	
E 3	T 3